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PATENT

ABSTRACT OF THE DISCLOSURE

A communication system including a transmitter, a receiver, and a serial link, in which encoded data (e.g., encoded video data and encoded auxiliary data) are transmitted from the transmitter to the receiver. Other aspects of the invention are transmitters for use in encoding data for transmission over a serial link, and methods for sending encoded data over a serial link. In accordance with the invention, the data to be transmitted are encoded using a subset (sometimes referred to as a selected set of code words) of a full set of code words. The selected set of code words is selected such that each stream of encoded data (comprising only such code words) transmitted over a serial link has a bit pattern that is less susceptible to inter-symbol interference ("ISI") during transmission than is the bit pattern determined by a conventionally encoded version of the same data.

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